

Final TCR Display PCT.WorkFile.txt

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<110> FirstName : Bent
<110> MiddleInitial : K
<110> Suffix : Dr

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<110> LastName : Andersen
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<110> MiddleInitial : B
<110> Suffix : Dr

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<110> LastName : Molloy
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<110> MiddleInitial : E
<110> Suffix : Dr

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<110> FirstName : Jonathan
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<110> LastName : Li
<110> FirstName : Yi
<110> MiddleInitial :
<110> Suffix : Dr

Application Project

<120> Title : Substances
<130> AppFileReference : Case No 19
<140> CurrentAppNumber : GB 0226227.7
<141> CurrentFilingDate : 2002-11-09

Earlier Applications

<150> PriorAppNumber : GB0226227.7
<151> PriorFilingDate : 2002-11-09

Earlier Applications

<150> PriorAppNumber : GB 0301814.0
<151> PriorFilingDate : 2003-01-25

Earlier Applications

<150> PriorAppNumber : GB 0304067.2
<151> PriorFilingDate : 2003-02-22

Earlier Applications

<150> PriorAppNumber : GB 0311397.4
<151> PriorFilingDate : 2003-05-16

Earlier Applications

<150> PriorAppNumber : GB 0316356.5
<151> PriorFilingDate : 2003-07-11

Earlier Applications

<150> PriorAppNumber : US 60/436,323
<151> PriorFilingDate : 2003-04-16

Sequence

<213> OrganismName : Synthetic Sequence
<400> PreSequenceString :
DSDVYITDKT VLDMRSMDFK
<212> Type : PRT
<211> Length : 20
SequenceName : SEQ ID 1
SequenceDescription :

Sequence

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<213> OrganismName : Synthetic Sequence
<400> PreSequenceString :
QSKDSDVYIT DKTVLDMRSM 20
<212> Type : PRT
<211> Length : 20
SequenceName : SEQ ID 2
SequenceDescription :

Sequence

<213> OrganismName : Synthetic Sequence
<400> PreSequenceString :
DIQNPDPVAVY QLRDSKSSDK 20
<212> Type : PRT
<211> Length : 20
SequenceName : SEQ ID 3
SequenceDescription :

Sequence

<213> OrganismName : Synthetic Sequence
<400> PreSequenceString :
DPAVYQLRDS KSSDKSVCLF 20
<212> Type : PRT
<211> Length : 20
SequenceName : SEQ ID 4
SequenceDescription :

Sequence

<213> OrganismName : Synthetic Sequence
<400> PreSequenceString :
NGKEVHSGVS TDPQPLKEQP 20
<212> Type : PRT
<211> Length : 20
SequenceName : SEQ ID 5
SequenceDescription :

Sequence

<213> OrganismName : Synthetic Sequence
<400> PreSequenceString :
ALNDSRYALS SRLRVSATFW 20
<212> Type : PRT
<211> Length : 20
SequenceName : SEQ ID 6
SequenceDescription :

Sequence

<213> OrganismName : Synthetic Sequence
<400> PreSequenceString :
PPEVAVFEPS EAEISHTQKA 20
<212> Type : PRT
<211> Length : 20
SequenceName : SEQ ID 7
SequenceDescription :

Sequence

<213> OrganismName : Synthetic Sequence
<400> PreSequenceString :
KEVHSGVSTD PQPLKEQPAL 20
<212> Type : PRT
<211> Length : 20
SequenceName : SEQ ID 8
SequenceDescription :

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Sequence

<213> OrganismName : Synthetic Sequence
<400> PreSequenceString :
VFPPEVAVFE PSEAEISHTQ 20
<212> Type : PRT
<211> Length : 20
SequenceName : SEQ ID 9
SequenceDescription :

Sequence

<213> OrganismName : Synthetic Sequence
<400> PreSequenceString :
PYIQNPEPAV YQLKDPRSQD STLCLFTDFD SQINVPKTME SGTFITDKTV LDMKAMDSKS 60
NGAIAWSNQT SFTCQDIFKE TNATYPSSDV P 91
<212> Type : PRT
<211> Length : 91
SequenceName : SEQ ID 10
SequenceDescription :

Sequence

<213> OrganismName : Synthetic Sequence
<400> PreSequenceString :
EDLRNVTTPK VSLFEPKAE IANKQKATLV CLARGFFPDH VELSWVNGR EVHSGVSTDP 60
QAYKESNYSY CLSSRLRVSA TFWHNPRNHF RCQVQFHGLS EEDKWPEGSP KPVTQNISAE 120
AWGRAD 126
<212> Type : PRT
<211> Length : 126
SequenceName : SEQ ID 11
SequenceDescription :

Sequence

<213> OrganismName : Synthetic Sequence
<400> PreSequenceString :
ESGTFITDKT VLDMKAMDSK 20
<212> Type : PRT
<211> Length : 20
SequenceName : SEQ ID 12
SequenceDescription :

Sequence

<213> OrganismName : Synthetic Sequence
<400> PreSequenceString :
KTMESGTFIT DKTVLDMKAM 20
<212> Type : PRT
<211> Length : 20
SequenceName : SEQ ID 13
SequenceDescription :

Sequence

<213> OrganismName : Synthetic Sequence
<400> PreSequenceString :
YIQNPEPAVY QLKDPRSQDS 20
<212> Type : PRT
<211> Length : 20
SequenceName : SEQ ID 14
SequenceDescription :

Sequence

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<213> OrganismName : Synthetic Sequence
<400> PreSequenceString :
AVYQLKDPRS QDSTLCLFTD 20
<212> Type : PRT
<211> Length : 20
SequenceName : SEQ ID 15
SequenceDescription :

Sequence

<213> OrganismName : Synthetic Sequence
<400> PreSequenceString :
NGREVHSGVS TDPQAYKESN 20
<212> Type : PRT
<211> Length : 20
SequenceName : SEQ ID 16
SequenceDescription :

Sequence

<213> OrganismName : Synthetic Sequence
<400> PreSequenceString :
KESNYSYCLS SRLRVSATFW 20
<212> Type : PRT
<211> Length : 20
SequenceName : SEQ ID 17
SequenceDescription :

Sequence

<213> OrganismName : Synthetic Sequence
<400> PreSequenceString :
PPKVSLFEPS KAEIANKQKA 20
<212> Type : PRT
<211> Length : 20
SequenceName : SEQ ID 18
SequenceDescription :

Sequence

<213> OrganismName : Synthetic Sequence
<400> PreSequenceString :
REVHSGVSTD PQAYKESNYS 20
<212> Type : PRT
<211> Length : 20
SequenceName : SEQ ID 19
SequenceDescription :

Sequence

<213> OrganismName : Synthetic Sequence
<400> PreSequenceString :
VTPPKVSLFE PSKAEIANKQ 20
<212> Type : PRT
<211> Length : 20
SequenceName : SEQ ID 20
SequenceDescription :

Sequence

<213> OrganismName : Synthetic Sequence
<400> PreSequenceString :
LLFGYPVYV 9
<212> Type : PRT
<211> Length : 9
SequenceName : SEQ ID 21
SequenceDescription :

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Sequence

<213> OrganismName : Synthetic Sequence
<400> PreSequenceString :
SLLMITQC
<212> Type : PRT
<211> Length : 8
SequenceName : SEQ ID 22
SequenceDescription :

8

Sequence

<213> OrganismName : Synthetic Sequence
<400> PreSequenceString :
LLGRNSFEV
<212> Type : PRT
<211> Length : 9
SequenceName : SEQ ID 23
SequenceDescription :

9

Sequence

<213> OrganismName : Synthetic Sequence
<400> PreSequenceString :
KLVALGINAV
<212> Type : PRT
<211> Length : 10
SequenceName : SEQ ID 24
SequenceDescription :

10

Sequence

<213> OrganismName : Synthetic Sequence
<400> PreSequenceString :
LLGDLFGV
<212> Type : PRT
<211> Length : 8
SequenceName : SEQ ID 25
SequenceDescription :

8

Sequence

<213> OrganismName : Synthetic Sequence
<400> PreSequenceString :
FLRGRAYGL
<212> Type : PRT
<211> Length : 9
SequenceName : SEQ ID 26
SequenceDescription :

9

Sequence

<213> OrganismName : Synthetic Sequence
<400> PreSequenceString :
HRCQAIRKK
<212> Type : PRT
<211> Length : 9
SequenceName : SEQ ID27
SequenceDescription :

9

Sequence

<213> OrganismName : Synthetic Sequence
<400> PreSequenceString :
YRSGIIAVV
<212> Type : PRT
<211> Length : 9
SequenceName : SEQ ID 28

9

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SequenceDescription :

Sequence

<213> OrganismName : Synthetic Sequence

<400> PreSequenceString :

VYGFVRACL

9

<212> Type : PRT

<211> Length : 9

SequenceName : SEQ ID 29

SequenceDescription :

Sequence

<213> OrganismName : Synthetic Sequence

<400> PreSequenceString :

ILAKFLHWL

9

<212> Type : PRT

<211> Length : 9

SequenceName : SEQ ID 30

SequenceDescription :

Sequence

<213> OrganismName : Synthetic Sequence

<400> PreSequenceString :

LTLGEFLKL

9

<212> Type : PRT

<211> Length : 9

SequenceName : SEQ ID 31

SequenceDescription :

Sequence

<213> OrganismName : Synthetic Sequence

<400> PreSequenceString :

PKYVKQNTLK LA

12

<212> Type : PRT

<211> Length : 12

SequenceName : SEQ ID 32

SequenceDescription :

Sequence

<213> OrganismName : Synthetic Sequence

<400> PreSequenceString :

GILGFVFTL

9

<212> Type : PRT

<211> Length : 9

SequenceName : SEQ ID 33

SequenceDescription :

Sequence

<213> OrganismName : Synthetic Sequence

<400> PreSequenceString :

SLYNTVATL

9

<212> Type : PRT

<211> Length : 9

SequenceName : SEQ ID 34

SequenceDescription :

Sequence

<213> OrganismName : Synthetic Sequence

<400> PreSequenceString :

cacagacaaa tgtgtgctag acat

24

<212> Type : DNA

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<211> Length : 24
SequenceName : SEQ ID 35
SequenceDescription :

Custom Codon

Sequence Name : SEQ ID 35

Sequence

<213> OrganismName : Synthetic Sequence
<400> PreSequenceString :
atgtctagca cacattgtc tgtg
<212> Type : DNA
<211> Length : 24
SequenceName : SEQ ID 36
SequenceDescription :

24

Custom Codon

Sequence Name : SEQ ID 36

Sequence

<213> OrganismName : Synthetic Sequence
<400> PreSequenceString :
cagtggggtc tgcacagacc c
<212> Type : DNA
<211> Length : 21
SequenceName : SEQ ID 37
SequenceDescription :

21

Custom Codon

Sequence Name : SEQ ID 37

Sequence

<213> OrganismName : Synthetic Sequence
<400> PreSequenceString :
gggtctgtgc agacccact g
<212> Type : DNA
<211> Length : 21
SequenceName : SEQ ID 38
SequenceDescription :

21

Custom Codon

Sequence Name : SEQ ID 38

Sequence

<213> OrganismName : Synthetic Sequence
<400> PreSequenceString :
taataatacg tataataata ttctatttca aggagacagt c
<212> Type : DNA
<211> Length : 41
SequenceName : SEQ ID 39
SequenceDescription :

41

Custom Codon

Sequence Name : SEQ ID 39

Sequence

<213> OrganismName : Synthetic Sequence
<400> PreSequenceString :

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caatccagcg gctgccgtag gcaataggta tttcattatg actgtctcct tgaaatag 58

<212> Type : DNA
<211> Length : 58
SequenceName : SEQ ID 40
SequenceDescription :

Custom Codon

Sequence Name : SEQ ID 40

Sequence

<213> OrganismName : Synthetic Sequence
<400> PreSequenceString :
ctacggcagc cgctggattg ttattactcg cggcccagcc ggccatggcc cag 53

<212> Type : DNA
<211> Length : 53
SequenceName : SEQ ID 41
SequenceDescription :

Custom Codon

Sequence Name : SEQ ID 41

Sequence

<213> OrganismName : Synthetic Sequence
<400> PreSequenceString :
gttctgctcc acttccttct gggccatggc cggctgggccc g 41
<212> Type : DNA
<211> Length : 41
SequenceName : SEQ ID 42
SequenceDescription :

Custom Codon

Sequence Name : SEQ ID 42

Sequence

<213> OrganismName : Synthetic Sequence
<400> PreSequenceString :
cagaaggaag tggagcagaa c 21
<212> Type : DNA
<211> Length : 21
SequenceName : SEQ ID 43
SequenceDescription :

Custom Codon

Sequence Name : SEQ ID 43

Sequence

<213> OrganismName : Synthetic Sequence
<400> PreSequenceString :
cttcttaaag aattcttaat taacctaggt tattaggaac tttctgggct ggggaag 57

<212> Type : DNA
<211> Length : 57
SequenceName : SEQ ID 44
SequenceDescription :

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Custom Codon

Sequence Name : SEQ ID 44

Sequence

<213> OrganismName : Synthetic Sequence

<400> PreSequenceString :

gttaattaag aattctttaa gaaggagata tacatatgaa aaaattatta ttcgcaattc 60

<212> Type : DNA

<211> Length : 60

SequenceName : SEQ ID 45

SequenceDescription :

Custom Codon

Sequence Name : SEQ ID 45

Sequence

<213> OrganismName : Synthetic Sequence

<400> PreSequenceString :

cgcgctgtga gaatagaaag gaacaactaa aggaattgcg aataataatt ttttcatatg 60

<212> Type : DNA

<211> Length : 60

SequenceName : SEQ ID 46

SequenceDescription :

Custom Codon

Sequence Name : SEQ ID 46

Sequence

<213> OrganismName : Synthetic Sequence

<400> PreSequenceString :

ctttctattc tcacagcgcg caggctggtg tcactcagac 40

<212> Type : DNA

<211> Length : 40

SequenceName : SEQ ID 47

SequenceDescription :

Custom Codon

Sequence Name : SEQ ID 47

Sequence

<213> OrganismName : Synthetic Sequence

<400> PreSequenceString :

atgatgtcta gatgcggccg cgtctgctct accccaggcc tc 42

<212> Type : DNA

<211> Length : 42

SequenceName : SEQ ID 48

SequenceDescription :

Custom Codon

Sequence Name : SEQ ID 48

Sequence

<213> OrganismName : Synthetic Sequence

<400> PreSequenceString :

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gcattctagac atcatcacca tcatcactag actgttgaaa gttgtttagc aaaac 55

<212> Type : DNA
<211> Length : 55
SequenceName : SEQ ID 49
SequenceDescription :

Custom Codon

Sequence Name : SEQ ID 49

Sequence

<213> OrganismName : Synthetic Sequence
<400> PreSequenceString :
ctagagggtta ccttattaag actccttatt acgcagtatg 40
<212> Type : DNA
<211> Length : 40
SequenceName : SEQ ID 50
SequenceDescription :

Custom Codon

Sequence Name : SEQ ID 50

Sequence

<213> OrganismName : Synthetic Sequence
<400> PreSequenceString :
agctgcagct aatacgactc actataggaa caggccacca tggcgtcgat tatgctgagt 60
gatatccttg tccggtggta ccctag 86
<212> Type : DNA
<211> Length : 86
SequenceName : SEQ ID 51
SequenceDescription :

Custom Codon

Sequence Name : SEQ ID 51

Sequence

<213> OrganismName : Synthetic Sequence
<400> PreSequenceString :
gatcccatgg tggcctgttc ctatagtgag tcgtattagc tgc 43
<212> Type : DNA
<211> Length : 43
SequenceName : SEQ ID 52
SequenceDescription :

Custom Codon

Sequence Name : SEQ ID 52

Sequence

<213> OrganismName : Synthetic Sequence
<400> PreSequenceString :
agctgcagct aatacgactc actataggaa caggccacca tgg 43
<212> Type : DNA
<211> Length : 43
SequenceName : SEQ ID 53
SequenceDescription :

Custom Codon

Final TCR Display PCT.WorkFile.txt

Sequence Name : SEQ ID 53

Sequence

<213> OrganismName : Synthetic Sequence
<400> PreSequenceString :
ccaccatggg ccagaaggaa gtggagcaga actc
<212> Type : DNA
<211> Length : 34
SequenceName : SEQ ID 54
SequenceDescription :

34

Custom Codon

Sequence Name : SEQ ID 54

Sequence

<213> OrganismName : Synthetic Sequence
<400> PreSequenceString :
cgagagcccg tagaactgga cttg
<212> Type : DNA
<211> Length : 24
SequenceName : SEQ ID 55
SequenceDescription :

24

Custom Codon

Sequence Name : SEQ ID 55

Sequence

<213> OrganismName : Synthetic Sequence
<400> PreSequenceString :
gtggatccgg cggtggcggg tcgaacgctg gtgtcactca gacccc
<212> Type : DNA
<211> Length : 46
SequenceName : SEQ ID 56
SequenceDescription :

46

Custom Codon

Sequence Name : SEQ ID 56

Sequence

<213> OrganismName : Synthetic Sequence
<400> PreSequenceString :
ccggatccac ctccgcctga accgcctcca ccggtgacca caacctgggt ccctg
<212> Type : DNA
<211> Length : 55
SequenceName : SEQ ID 57
SequenceDescription :

55

Custom Codon

Sequence Name : SEQ ID 57

Sequence

<213> OrganismName : Synthetic Sequence
<400> PreSequenceString :
ctgagaattc ttatgactct ccgcggttga agctc
<212> Type : DNA
<211> Length : 35
SequenceName : SEQ ID 58

35

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SequenceDescription :

Custom Codon

Sequence Name : SEQ ID 58

Sequence

<213> OrganismName : Synthetic Sequence

<400> PreSequenceString :

tgacgaattc tgactctccg cggttgaagc tc

32

<212> Type : DNA

<211> Length : 32

SequenceName : SEQ ID 59

SequenceDescription :

Custom Codon

Sequence Name : SEQ ID 59

Sequence

<213> OrganismName : Synthetic Sequence

<400> PreSequenceString :

agctgcagct aatacgactc actatagg

28

<212> Type : DNA

<211> Length : 28

SequenceName : SEQ ID 60

SequenceDescription :

Custom Codon

Sequence Name : SEQ ID 60

Sequence

<213> OrganismName : Synthetic sequence

<400> PreSequenceString :

ggccaccatg ggcaacgctg gtgtcactca gacccc

36

<212> Type : DNA

<211> Length : 36

SequenceName : SEQ ID 61

SequenceDescription :

Custom Codon

Sequence Name : SEQ ID 61

Sequence

<213> OrganismName : Synthetic Sequence

<400> PreSequenceString :

tgaaccgcct ccaccgtctg ctctaccca ggcctcggcg

40

<212> Type : DNA

<211> Length : 40

SequenceName : SEQ ID 62

SequenceDescription :

Custom Codon

Sequence Name : SEQ ID 62

Sequence

<213> OrganismName : Synthetic sequence

<400> PreSequenceString :

tgactctccg cggttgaagc tc

22

<212> Type : DNA

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<211> Length : 22
SequenceName : SEQ ID 63
SequenceDescription :

Custom Codon

Sequence Name : SEQ ID 63

Sequence

<213> OrganismName : Synthetic Sequence
<400> PreSequenceString :
cagctggggg aagcttcagt ttggagcag
<212> Type : DNA
<211> Length : 29
SequenceName : SEQ ID 64
SequenceDescription :

29

Custom Codon

Sequence Name : SEQ ID 64

Sequence

<213> OrganismName : Synthetic Sequence
<400> PreSequenceString :
ctgctccaaa ctgaagcttc ccccagctg
<212> Type : DNA
<211> Length : 29
SequenceName : SEQ ID 65
SequenceDescription :

29

Custom Codon

Sequence Name : SEQ ID 65

Sequence

<213> OrganismName : Synthetic Sequence
<400> PreSequenceString :
gtacttctgt gcctcgaggc cgggactag
<212> Type : DNA
<211> Length : 29
SequenceName : SEQ ID 66
SequenceDescription :

29

Custom Codon

Sequence Name : SEQ ID 66

Sequence

<213> OrganismName : Synthetic Sequence
<400> PreSequenceString :
ctagtcccgg cctcgaggca cagaagtac
<212> Type : DNA
<211> Length : 29
SequenceName : SEQ ID 67
SequenceDescription :

29

Custom Codon

Sequence Name : SEQ ID 67

Sequence

<213> OrganismName : Synthetic Sequence
<400> PreSequenceString :

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20

catttttcagg gatagcaagc

<212> Type : DNA

<211> Length : 20

SequenceName : SEQ ID 68

SequenceDescription :

Custom Codon

Sequence Name : SEQ ID 68

Sequence

<213> OrganismName : Synthetic Sequence

<400> PreSequenceString :

tcacacagga aacagctatg tcacacagga aacagctatg

40

<212> Type : DNA

<211> Length : 40

SequenceName : SEQ ID 69

SequenceDescription :

Custom Codon

Sequence Name : SEQ ID 69

Sequence

<213> OrganismName : Synthetic Sequence

<400> PreSequenceString :

tgtgcctcga ggnknknkn knknknknkn cgaccagagc agtacttcg

49

<212> Type : DNA

<211> Length : 49

SequenceName : SEQ ID 70

SequenceDescription :

Feature

Sequence: SEQ ID 70:

<221> FeatureKey : misc_feature

<222> LocationFrom : 1

<222> LocationTo : 49

Other Information : m is a or c; n is a or t or g or c; k is g or t

CDSJoin : No

Custom Codon

Sequence Name : SEQ ID 70

Sequence

<213> OrganismName : Synthetic Sequence

<400> PreSequenceString :

tgtgcctcga ggccgnknkn knknknknkn nnkccagagc agtacttcgg gc

52

<212> Type : DNA

<211> Length : 52

SequenceName : SEQ ID 71

SequenceDescription :

Feature

Sequence: SEQ ID 71:

<221> FeatureKey : misc_feature

<222> LocationFrom :

<222> LocationTo :

Other Information : m is a or c; n is a or t or g or c; k is g or t

CDSJoin : No

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Feature

Sequence: SEQ ID 71:

<221> FeatureKey : misc_feature

<222> LocationFrom : 1

<222> LocationTo : 52

Other Information : m is a or c; n is a or t or g or c; k is g or t

CDSJoin : No

Custom Codon

Sequence Name : SEQ ID 71

Sequence

<213> OrganismName : Synthetic Sequence

<400> PreSequenceString :

tgtgcctcga ggccggnknn knnknnknnk nnkcgaccag agcagtactt cg 52

<212> Type : DNA

<211> Length : 52

SequenceName : SEQ ID 72

SequenceDescription :

Feature

Sequence: SEQ ID 72:

<221> FeatureKey : misc_feature

<222> LocationFrom : 1

<222> LocationTo : 52

Other Information : m is a or c; n is a or t or g or c; k is g or t

CDSJoin : No

Custom Codon

Sequence Name : SEQ ID 72

Sequence

<213> OrganismName : Synthetic Sequence

<400> PreSequenceString :

tgtgcctcga ggccggnknn knnknnknnk nnkggagggc gaccagagca g 51

<212> Type : DNA

<211> Length : 51

SequenceName : SEQ ID 73

SequenceDescription :

Feature

Sequence: SEQ ID 73:

<221> FeatureKey : misc_feature

<222> LocationFrom : 1

<222> LocationTo : 51

Other Information : m is a or c; n is a or t or g or c; k is g or t

CDSJoin : No

Custom Codon

Sequence Name : SEQ ID 73

Sequence

<213> OrganismName : Synthetic Sequence

<400> PreSequenceString :

tgtgcctcga ggccgggann knnknnknnk nnknnkgggc gaccagagca gtac 54

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<212> Type : DNA
<211> Length : 54
SequenceName : SEQ ID 74
SequenceDescription :

Feature

Sequence: SEQ ID 74:
<221> FeatureKey : misc_feature
<222> LocationFrom :
<222> LocationTo :
Other Information : m is a or c; n is a or t or g or c; k is g or t
CDSJoin : No

Feature

Sequence: SEQ ID 74:
<221> FeatureKey : misc_feature
<222> LocationFrom : 1
<222> LocationTo : 54
Other Information : m is a or c; n is a or t or g or c; k is g or t
CDSJoin : No

Custom Codon

Sequence Name : SEQ ID 74

Sequence

<213> OrganismName : Synthetic Sequence
<400> PreSequenceString :
tgtgcctcga ggnknknkn knknknknk ccagagcagt acttcgggc 49
<212> Type : DNA
<211> Length : 49
SequenceName : SEQ ID 75
SequenceDescription :

Feature

Sequence: SEQ ID 75:
<221> FeatureKey : misc_feature
<222> LocationFrom :
<222> LocationTo :
Other Information : m is a or c; n is a or t or g or c; k is g or t
CDSJoin : No

Feature

Sequence: SEQ ID 75:
<221> FeatureKey : misc_feature
<222> LocationFrom : 1
<222> LocationTo : 49
Other Information : m is a or c; n is a or t or g or c; k is g or t
CDSJoin : No

Custom Codon

Sequence Name : SEQ ID 75

Sequence

<213> OrganismName : Synthetic Sequence
<400> PreSequenceString :
tgtgcctcga ggnknknkn knknknknk gagcagtact tcgggccg 48
<212> Type : DNA
<211> Length : 48

Final TCR Display PCT.WorkFile.txt

SequenceName : SEQ ID 76

SequenceDescription :

Feature

Sequence: SEQ ID 76:

<221> FeatureKey : misc_feature

<222> LocationFrom : 1

<222> LocationTo : 48

Other Information : m is a or c; n is a or t or g or c; k is g or t

CDSJoin : No

Custom Codon

Sequence Name : SEQ ID 76

Sequence

<213> OrganismName : Synthetic Sequence

<400> PreSequenceString :

tgtgcctcga ggnnknnknn knnknnknnk cagtacttcg ggccgggc

48

<212> Type : DNA

<211> Length : 48

SequenceName : SEQ ID 77

SequenceDescription :

Feature

Sequence: SEQ ID 77:

<221> FeatureKey : misc_feature

<222> LocationFrom : 1

<222> LocationTo : 48

Other Information : m is a or c; n is a or t or g or c; k is g or t

CDSJoin : No

Custom Codon

Sequence Name : SEQ ID 77

Sequence

<213> OrganismName : Synthetic Sequence

<400> PreSequenceString :

tgtgcctcga ggccgnnknn knnknnkggg cgaccagagc agtacttcg

49

<212> Type : DNA

<211> Length : 49

SequenceName : SEQ ID 78

SequenceDescription :

Feature

Sequence: SEQ ID 78:

<221> FeatureKey : misc_feature

<222> LocationFrom :

<222> LocationTo :

Other Information : m is a or c; n is a or t or g or c; k is g or t

CDSJoin : No

Feature

Sequence: SEQ ID 78:

<221> FeatureKey : misc_feature

<222> LocationFrom : 1

<222> LocationTo : 49

Other Information : m is a or c; n is a or t or g or c; k is g or t

CDSJoin : No

Custom Codon

Final TCR Display PCT.WorkFile.txt

Sequence Name : SEQ ID 78

Sequence

<213> OrganismName : Synthetic Sequence
<400> PreSequenceString :
aaactgaagc ttmnmnmnmn nmnmnmntgt aacggcacag aggtag 46
<212> Type : DNA
<211> Length : 46
SequenceName : SEQ ID 79
SequenceDescription :

Feature

Sequence: SEQ ID 79:
<221> FeatureKey : misc_feature
<222> LocationFrom : 1
<222> LocationTo : 46
Other Information : m is a or c; n is a or t or g or c; k is g or t
CDSJoin : No

Custom Codon

Sequence Name : SEQ ID 79

Sequence

<213> OrganismName : Synthetic Sequence
<400> PreSequenceString :
aaactgaagc ttmnmnmngc tgctcmntgt aacggcacag aggtag 46
<212> Type : DNA
<211> Length : 46
SequenceName : SEQ ID 80
SequenceDescription :

Feature

Sequence: SEQ ID 80:
<221> FeatureKey : misc_feature
<222> LocationFrom : 1
<222> LocationTo : 46
Other Information : m is a or c; n is a or t or g or c; k is g or t
CDSJoin : No

Custom Codon

Sequence Name : SEQ ID 80

Sequence

<213> OrganismName : Synthetic Sequence
<400> PreSequenceString :
aaactgaagc ttmnmnmnmn ngctgtcmnn tgtaacggca cagaggtag 49
<212> Type : DNA
<211> Length : 49
SequenceName : SEQ ID 81
SequenceDescription :

Feature

Sequence: SEQ ID 81:
<221> FeatureKey : misc_feature
<222> LocationFrom :
<222> LocationTo :
Other Information : m is a or c; n is a or t or g or c; k is g or t
CDSJoin : No

Final TCR Display PCT.WorkFile.txt

Feature

Sequence: SEQ ID 81:

<221> FeatureKey : misc_feature

<222> LocationFrom : 1

<222> LocationTo : 49

Other Information : m is a or c; n is a or t or g or c; k is g or t

CDSJoin : No

Custom Codon

Sequence Name : SEQ ID 81

Sequence

<213> OrganismName : Synthetic Sequence

<400> PreSequenceString :

aaactgaagc ttmnmnngc tgtcmnnaac ggcacagagg tag

43

<212> Type : DNA

<211> Length : 43

SequenceName : SEQ ID 82

SequenceDescription :

Feature

Sequence: SEQ ID 82:

<221> FeatureKey : misc_feature

<222> LocationFrom : 1

<222> LocationTo : 43

Other Information : m is a or c; n is a or t or g or c; k is g or t

CDSJoin : No

Custom Codon

Sequence Name : SEQ ID 82

Sequence

<213> OrganismName : Synthetic Sequence

<400> PreSequenceString :

gcctcgaggc cgggactagc gggagggcga ccagagcagt ag

42

<212> Type : DNA

<211> Length : 42

SequenceName : SEQ ID 83

SequenceDescription :

Custom Codon

Sequence Name : SEQ ID 83

Sequence

<213> OrganismName : Synthetic Sequence

<400> PreSequenceString :

ASRPGLAGGR PEQY

14

<212> Type : PRT

<211> Length : 14

SequenceName : SEQ ID 84

SequenceDescription :

Sequence

<213> OrganismName : Synthetic Sequence

<400> PreSequenceString :

gcctcgaggc cggggctgat gagtgcgtag ccagagcagt ac

42

<212> Type : DNA

<211> Length : 42

SequenceName : SEQ ID 85

Final TCR Display PCT.workFile.txt
SequenceDescription :

Custom Codon

Sequence Name : SEQ ID 85

Sequence

<213> OrganismName : Synthetic sequence

<400> PreSequenceString :

ASRPGLMSAX PEQY

14

<212> Type : PRT

<211> Length : 14

SequenceName : SEQ ID 86

SequenceDescription :

Feature

Sequence: SEQ ID 86:

<221> FeatureKey : MISC_FEATURE

<222> LocationFrom : 1

<222> LocationTo : 14

Other Information : x denotes an amino acid residue encoded by an amber
codon

CDSJoin : No

Sequence

<213> OrganismName : Synthetic Sequence

<400> PreSequenceString :

gcctcgaggc cggggctgag gtcggcgtag ccagagcagt ac

42

<212> Type : DNA

<211> Length : 42

SequenceName : SEQ ID 87

SequenceDescription :

Custom Codon

Sequence Name : SEQ ID 87

Sequence

<213> OrganismName : Synthetic Sequence

<400> PreSequenceString :

ASRPGLRSAX PEQY

14

<212> Type : PRT

<211> Length : 14

SequenceName : SEQ ID 88

SequenceDescription :

Feature

Sequence: SEQ ID 88:

<221> FeatureKey : MISC_FEATURE

<222> LocationFrom : 1

<222> LocationTo : 14

Other Information : x denotes an amino acid residue encoded by an amber
codon

CDSJoin : No

Sequence

<213> OrganismName : Synthetic Sequence

<400> PreSequenceString :

gcctcgaggc cgggactagc gggagggcga ccagaggcgt ag

42

<212> Type : DNA

<211> Length : 42

SequenceName : SEQ ID 89

Final TCR Display PCT.WorkFile.txt
SequenceDescription :

Custom Codon

Sequence Name : SEQ ID 89

Sequence

<213> OrganismName : Synthetic Sequence

<400> PreSequenceString :

ASRPGLAGGR PEAX

14

<212> Type : PRT

<211> Length : 14

SequenceName : SEQ ID 90

SequenceDescription :

Feature

Sequence: SEQ ID 90:

<221> FeatureKey : MISC_FEATURE

<222> LocationFrom :

<222> LocationTo :

Other Information : x denotes an amino acid residue encoded by an amber
codon

CDSJoin : No

Feature

Sequence: SEQ ID 90:

<221> FeatureKey : MISC_FEATURE

<222> LocationFrom : 1

<222> LocationTo : 14

Other Information : x denotes an amino acid residue encoded by an amber
codon

CDSJoin : No

Sequence

<213> OrganismName : Synthetic Sequence

<400> PreSequenceString :

gcctcgaggc cgggactagc gggagggcga ccagaggatt ag

42

<212> Type : DNA

<211> Length : 42

SequenceName : SEQ ID 91

SequenceDescription :

Custom Codon

Sequence Name : SEQ ID 91

Sequence

<213> OrganismName : Synthetic Sequence

<400> PreSequenceString :

ASRPGLAGGR PEDX

14

<212> Type : PRT

<211> Length : 14

SequenceName : SEQ ID 92

SequenceDescription :

Feature

Sequence: SEQ ID 92:

<221> FeatureKey : MISC_FEATURE

<222> LocationFrom : 1

<222> LocationTo : 14

Other Information : x denotes an amino acid residue encoded by an amber
codon

Final TCR Display PCT.WorkFile.txt

CDSJoin : No

Sequence

<213> OrganismName : Synthetic Sequence
<400> PreSequenceString :
gcctcgaggc cgggactagc gggagggcga ccagatcagt ag
<212> Type : DNA
<211> Length : 42
SequenceName : SEQ ID 93
SequenceDescription :

42

Custom Codon

Sequence Name : SEQ ID 93

Sequence

<213> OrganismName : Synthetic Sequence
<400> PreSequenceString :
ASRPGLAGGR PDQX
<212> Type : PRT
<211> Length : 14
SequenceName : SEQ ID 94
SequenceDescription :

14

Feature

Sequence: SEQ ID 94:
<221> FeatureKey : MISC_FEATURE
<222> LocationFrom :
<222> LocationTo :
Other Information : x denotes an amino acid residue encoded by an amber
codon
CDSJoin : No

Feature

Sequence: SEQ ID 94:
<221> FeatureKey : MISC_FEATURE
<222> LocationFrom : 1
<222> LocationTo : 14
Other Information : x denotes an amino acid residue encoded by an amber
codon
CDSJoin : No

Sequence

<213> OrganismName : Synthetic Sequence
<400> PreSequenceString :
gcctcgaggc cgggtctgta ggctgggcga ccagagcagt ac
<212> Type : DNA
<211> Length : 42
SequenceName : SEQ ID 95
SequenceDescription :

42

Custom Codon

Sequence Name : SEQ ID 95

Sequence

<213> OrganismName : Synthetic Sequence
<400> PreSequenceString :
ASRPGLXAGR PEQY
<212> Type : PRT
<211> Length : 14
SequenceName : SEQ ID 96

14

Final TCR Display PCT.WorkFile.txt
SequenceDescription :

Feature

Sequence: SEQ ID 96:

<221> FeatureKey : MISC_FEATURE

<222> LocationFrom :

<222> LocationTo :

Other Information : x denotes an amino acid residue encoded by an amber
codon

CDSJoin : No

Feature

Sequence: SEQ ID 96:

<221> FeatureKey : MISC_FEATURE

<222> LocationFrom : 1

<222> LocationTo : 14

Other Information : x denotes an amino acid residue encoded by an amber
codon

CDSJoin : No

Sequence

<213> OrganismName : Synthetic Sequence

<400> PreSequenceString :

gcctcgaggc cggggctggg tccggggcga ccagagcagt ag

42

<212> Type : DNA

<211> Length : 42

SequenceName : SEQ ID 97

SequenceDescription :

Custom Codon

Sequence Name : SEQ ID 97

Sequence

<213> OrganismName : Synthetic Sequence

<400> PreSequenceString :

ASRPGLVPGR PEQX

14

<212> Type : PRT

<211> Length : 14

SequenceName : SEQ ID 98

SequenceDescription :

Feature

Sequence: SEQ ID 98:

<221> FeatureKey : MISC_FEATURE

<222> LocationFrom :

<222> LocationTo :

Other Information : x denotes an amino acid residue encoded by an amber
codon

CDSJoin : No

Feature

Sequence: SEQ ID 98:

<221> FeatureKey : MISC_FEATURE

<222> LocationFrom : 1

<222> LocationTo : 14

Other Information : x denotes an amino acid residue encoded by an amber
codon

CDSJoin : No

Sequence

Final TCR Display PCT.WorkFile.txt

<213> OrganismName : Synthetic Sequence
<400> PreSequenceString :
gcctcgaggc cggggcttgt gtctgcttag ccagagcagt ac 42
<212> Type : DNA
<211> Length : 42
SequenceName : SEQ ID 99
SequenceDescription :

Custom Codon

Sequence Name : SEQ ID 99

Sequence

<213> OrganismName : Synthetic Sequence
<400> PreSequenceString :
ASRPGLVSAX PEQY 14
<212> Type : PRT
<211> Length : 14
SequenceName : SEQ ID 100
SequenceDescription :

Feature

Sequence: SEQ ID 100:
<221> FeatureKey : MISC_FEATURE
<222> LocationFrom : 1
<222> LocationTo : 14
Other Information : x denotes an amino acid residue encoded by an amber
codon
CDSJoin : No

Sequence

<213> OrganismName : Synthetic Sequence
<400> PreSequenceString :
gcctcgaggc cgggactagc gggagggcga ccacatccgt ag 42
<212> Type : DNA
<211> Length : 42
SequenceName : SEQ ID 101
SequenceDescription :

Custom Codon

Sequence Name : SEQ ID 101

Sequence

<213> OrganismName : Synthetic Sequence
<400> PreSequenceString :
ASRPGLAGGR PHPX 14
<212> Type : PRT
<211> Length : 14
SequenceName : SEQ ID 102
SequenceDescription :

Feature

Sequence: SEQ ID 102:
<221> FeatureKey : MISC_FEATURE
<222> LocationFrom :
<222> LocationTo :
Other Information : x denotes an amino acid residue encoded by an amber
codon
CDSJoin : No

Feature

Final TCR Display PCT.WorkFile.txt

Sequence: SEQ ID 102:

<221> FeatureKey : MISC_FEATURE

<222> LocationFrom : 1

<222> LocationTo : 14

Other Information : x denotes an amino acid residue encoded by an amber codon

CDSJoin : No

Sequence

<213> OrganismName : Synthetic Sequence

<400> PreSequenceString :

gcctcgaggc cgggactagc gggagggcga ccagatgcgt ag

42

<212> Type : DNA

<211> Length : 42

SequenceName : SEQ ID 103

SequenceDescription :

Custom Codon

Sequence Name : SEQ ID 103

Sequence

<213> OrganismName : Synthetic Sequence

<400> PreSequenceString :

ASRPGLAGGR PDAX

14

<212> Type : PRT

<211> Length : 14

SequenceName : SEQ 104

SequenceDescription :

Feature

Sequence: SEQ 104:

<221> FeatureKey : MISC_FEATURE

<222> LocationFrom : 1

<222> LocationTo : 14

Other Information : x denotes an amino acid residue encoded by an amber codon

CDSJoin : No

Sequence

<213> OrganismName : Synthetic Sequence

<400> PreSequenceString :

gcctcgaggc cgggtctgat tagtgcttag ccagagcagt ac

42

<212> Type : DNA

<211> Length : 42

SequenceName : SEQ ID 105

SequenceDescription :

Custom Codon

Sequence Name : SEQ ID 105

Sequence

<213> OrganismName : Synthetic Sequence

<400> PreSequenceString :

ASRPGLISAX PEQY

14

<212> Type : PRT

<211> Length : 14

SequenceName : SEQ ID 106

SequenceDescription :

Feature

Final TCR Display PCT.WorkFile.txt

Sequence: SEQ ID 106:

<221> FeatureKey : MISC_FEATURE

<222> LocationFrom : 1

<222> LocationTo : 14

Other Information : x denotes an amino acid residue encoded by an amber codon

CDSJoin : No

Sequence

<213> OrganismName : Synthetic Sequence

<400> PreSequenceString :

gccggttaca ctgacagctg ggggaagctt cag

33

<212> Type : DNA

<211> Length : 33

SequenceName : SEQ ID 107

SequenceDescription :

Custom Codon

Sequence Name : SEQ ID 107

Sequence

<213> OrganismName : Synthetic Sequence

<400> PreSequenceString :

AVTTDSWGKL Q

11

<212> Type : PRT

<211> Length : 11

SequenceName : SEQ ID 108

SequenceDescription :

Sequence

<213> OrganismName : Synthetic Sequence

<400> PreSequenceString :

gccggttaca ctgacagctg ggggccgctt cag

33

<212> Type : DNA

<211> Length : 33

SequenceName : SEQ ID 109

SequenceDescription :

Custom Codon

Sequence Name : SEQ ID 109

Sequence

<213> OrganismName : Synthetic Sequence

<400> PreSequenceString :

AVTTDSWGPL Q

11

<212> Type : PRT

<211> Length : 11

SequenceName : SEQ ID 110

SequenceDescription :

Sequence

<213> OrganismName : Synthetic Sequence

<400> PreSequenceString :

gccggttaca ctgacagctg ggggaagatg cag

33

<212> Type : DNA

<211> Length : 33

SequenceName : SEQ ID 111

SequenceDescription :

Custom Codon

Final TCR Display PCT.WorkFile.txt

Sequence Name : SEQ ID 111

Sequence

<213> OrganismName : Synthetic Sequence

<400> PreSequenceString :

AVTTDSWGKM Q

11

<212> Type : PRT

<211> Length : 11

SequenceName : SEQ ID 112

SequenceDescription :

Sequence

<213> OrganismName : Synthetic Sequence

<400> PreSequenceString :

gccgttaca ctgacagctg ggggaagttg cat

33

<212> Type : DNA

<211> Length : 33

SequenceName : SEQ ID 113

SequenceDescription :

Custom Codon

Sequence Name : SEQ ID 113

Sequence

<213> OrganismName : Synthetic Sequence

<400> PreSequenceString :

AVTTDSWGKL H

11

<212> Type : PRT

<211> Length : 11

SequenceName : SEQ ID 114

SequenceDescription :

Sequence

<213> OrganismName : Synthetic Sequence

<400> PreSequenceString :

gccgttaca ctgacagctg ggggtagctt cat

33

<212> Type : DNA

<211> Length : 33

SequenceName : SEQ ID 115

SequenceDescription :

Custom Codon

Sequence Name : SEQ ID 115

Sequence

<213> OrganismName : Synthetic Sequence

<400> PreSequenceString :

AVTTDSWGXL H

11

<212> Type : PRT

<211> Length : 11

SequenceName : SEQ ID 116

SequenceDescription :

Feature

Sequence: SEQ ID 116:

<221> FeatureKey : MISC_FEATURE

<222> LocationFrom :

<222> LocationTo :

Other Information : x denotes an amino acid residue encoded by an amber codon

Final TCR Display PCT.WorkFile.txt

CDSJoin : No

Feature

Sequence: SEQ ID 116:

<221> FeatureKey : MISC_FEATURE

<222> LocationFrom : 1

<222> LocationTo : 11

Other Information : x denotes an amino acid residue encoded by an amber
codon

CDSJoin : No

Sequence

<213> OrganismName : Synthetic Sequence

<400> PreSequenceString :

gccggttaca ctgacagctg gggggagctt cat 33

<212> Type : DNA

<211> Length : 33

SequenceName : SEQ ID 117

SequenceDescription :

Custom Codon

Sequence Name : SEQ ID 117

Sequence

<213> OrganismName : Synthetic Sequence

<400> PreSequenceString :

AVTTDSWGEL H 11

<212> Type : PRT

<211> Length : 11

SequenceName : SEQ ID 118

SequenceDescription :

Sequence

<213> OrganismName : Synthetic Sequence

<400> PreSequenceString :

gccggttaca ctgacagctg ggggaggctg cat 33

<212> Type : DNA

<211> Length : 33

SequenceName : SEQ ID 119

SequenceDescription :

Custom Codon

Sequence Name : SEQ ID 119

Sequence

<213> OrganismName : Synthetic Sequence

<400> PreSequenceString :

AVTTDSWGRL H 11

<212> Type : PRT

<211> Length : 11

SequenceName : SEQ ID 120

SequenceDescription :

Sequence

<213> OrganismName : Synthetic Sequence

<400> PreSequenceString :

gccggttaca ctgacagctg ggggcagctt cat 33

<212> Type : DNA

<211> Length : 33

SequenceName : SEQ ID 121

Final TCR Display PCT.workFile.txt

SequenceDescription :

Custom Codon

Sequence Name : SEQ ID 121

Sequence

<213> OrganismName : Synthetic Sequence

<400> PreSequenceString :

AVTTDSWGQL H

11

<212> Type : PRT

<211> Length : 11

SequenceName : SEQ ID 122

SequenceDescription :

Sequence

<213> OrganismName : Synthetic Sequence

<400> PreSequenceString :

gccgttaca ctgacagctg ggggaagggtt cat

33

<212> Type : DNA

<211> Length : 33

SequenceName : SEQ ID 123

SequenceDescription :

Custom Codon

Sequence Name : SEQ ID 123

Sequence

<213> OrganismName : Synthetic Sequence

<400> PreSequenceString :

AVTTDSWGKV H

11

<212> Type : PRT

<211> Length : 11

SequenceName : SEQ ID 124

SequenceDescription :

Sequence

<213> OrganismName : Synthetic Sequence

<400> PreSequenceString :

gccgttaca ctgacagctg ggggaagggtg aat

33

<212> Type : DNA

<211> Length : 33

SequenceName : SEQ ID 125

SequenceDescription :

Custom Codon

Sequence Name : SEQ ID 125

Sequence

<213> OrganismName : Synthetic Sequence

<400> PreSequenceString :

AVTTDSWGKV N

11

<212> Type : PRT

<211> Length : 11

SequenceName : SEQ ID 126

SequenceDescription :

Sequence

<213> OrganismName : Synthetic Sequence

<400> PreSequenceString :

Final TCR Display PCT.WorkFile.txt
gccgttacaa ctgacagctg ggggaagctt ctg 33
<212> Type : DNA
<211> Length : 33
SequenceName : SEQ ID 127
SequenceDescription :

Custom Codon

Sequence Name : SEQ ID 127

Sequence

<213> OrganismName : Synthetic Sequence
<400> PreSequenceString :
AVTTDSWGKL L 11
<212> Type : PRT
<211> Length : 11
SequenceName : SEQ ID 128
SequenceDescription :

Sequence

<213> OrganismName : Synthetic Sequence
<400> PreSequenceString :
ggaattcatc gatgcagaag gaagtggagc ag 32
<212> Type : DNA
<211> Length : 32
SequenceName : SEQ ID 129
SequenceDescription :

Custom Codon

Sequence Name : SEQ ID 129

Sequence

<213> OrganismName : Synthetic Sequence
<400> PreSequenceString :
gtacacggcc gggtcagggt tctggatata c 31
<212> Type : DNA
<211> Length : 31
SequenceName : SEQ ID 130
SequenceDescription :

Custom Codon

Sequence Name : SEQ ID 130

Sequence

<213> OrganismName : Synthetic Sequence
<400> PreSequenceString :
tctctcatta atgaatgctg gtgtcactca gacccc 36
<212> Type : DNA
<211> Length : 36
SequenceName : SEQ ID 131
SequenceDescription :

Custom Codon

Sequence Name : SEQ ID 131

Sequence

<213> OrganismName : Synthetic Sequence
<400> PreSequenceString :
tagaaaccgg tggccaggca caccagtgtg gc 32
<212> Type : DNA

Final TCR Display PCT.WorkFile.txt

<211> Length : 32
SequenceName : SEQ ID 132
SequenceDescription :

Custom Codon

Sequence Name : SEQ ID 132

Sequence

<213> OrganismName : Synthetic Sequence
<400> PreSequenceString :
ctgctctggt tccgcactc
<212> Type : DNA
<211> Length : 19
SequenceName : SEQ ID 133
SequenceDescription :

19

Custom Codon

Sequence Name : SEQ ID 133

Sequence

<213> OrganismName : Synthetic Sequence
<400> PreSequenceString :
gagtgcggaa ccagagcag
<212> Type : DNA
<211> Length : 19
SequenceName : SEQ ID 134
SequenceDescription :

19

Custom Codon

Sequence Name : SEQ ID 134

Sequence

<213> OrganismName : Synthetic Sequence
<400> PreSequenceString :
atatccagaa cccggatcct gccgtgta
<212> Type : DNA
<211> Length : 28
SequenceName : SEQ ID 135
SequenceDescription :

28

Custom Codon

Sequence Name : SEQ ID 135

Sequence

<213> OrganismName : Synthetic Sequence
<400> PreSequenceString :
tacacggcag gaatccgggt tctggatat
<212> Type : DNA
<211> Length : 29
SequenceName : SEQ ID 136
SequenceDescription :

29

Custom Codon

Sequence Name : SEQ ID 136

Sequence

<213> OrganismName : Synthetic Sequence
<400> PreSequenceString :

Final TCR Display PCT.WorkFile.txt 30

ggagatatac atatgcagga ggtgacacag
<212> Type : DNA
<211> Length : 30
SequenceName : SEQ ID 137
SequenceDescription :

Custom Codon

Sequence Name : SEQ ID 137

Sequence

<213> OrganismName : Synthetic Sequence
<400> PreSequenceString :
tacacggcag gatccgggtt ctggatatt 29
<212> Type : DNA
<211> Length : 29
SequenceName : SEQ ID 138
SequenceDescription :

Custom Codon

Sequence Name : SEQ ID 138

Sequence

<213> OrganismName : Synthetic Sequence
<400> PreSequenceString :
ggagatatac atatgggtgt cactcagacc 30
<212> Type : DNA
<211> Length : 30
SequenceName : SEQ ID 139
SequenceDescription :

Custom Codon

Sequence Name : SEQ ID 139

Sequence

<213> OrganismName : Synthetic Sequence
<400> PreSequenceString :
cccaagctta gtctgctcta ccccaggcct cggc 34
<212> Type : DNA
<211> Length : 34
SequenceName : SEQ ID 140
SequenceDescription :

Custom Codon

Sequence Name : SEQ ID 140

Sequence

<213> OrganismName : Synthetic Sequence
<400> PreSequenceString :
gccggccatg gccaaacagg aggtgacgca gattcct 37
<212> Type : DNA
<211> Length : 37
SequenceName : SEQ ID 141
SequenceDescription :

Custom Codon

Sequence Name : SEQ ID 141

Sequence

Final TCR Display PCT.WorkFile.txt

<213> OrganismName : Synthetic Sequence
<400> PreSequenceString :
cttcttaaag aattcttaat taacctaggt tattaggaac tttctgggct ggggaag 57

<212> Type : DNA
<211> Length : 57
SequenceName : SEQ ID 142
SequenceDescription :

Custom Codon

Sequence Name : SEQ ID 142

Sequence

<213> OrganismName : Synthetic Sequence
<400> PreSequenceString :
tcacagcgcg caggctgggtg tcactcagac cccaaa 36
<212> Type : DNA
<211> Length : 36
SequenceName : SEQ ID 143
SequenceDescription :

Custom Codon

Sequence Name : SEQ ID 143

Sequence

<213> OrganismName : Synthetic Sequence
<400> PreSequenceString :
cgagagcccg tagaactgga cttg 24
<212> Type : DNA
<211> Length : 24
SequenceName : SEQ ID 144
SequenceDescription :

Custom Codon

Sequence Name : SEQ ID 144

Sequence

<213> OrganismName : Synthetic Sequence
<400> PreSequenceString :
tctctcatta atgaatgctg gtgtcactca gacccc 36
<212> Type : DNA
<211> Length : 36
SequenceName : SEQ ID 145
SequenceDescription :

Custom Codon

Sequence Name : SEQ ID 145

Sequence

<213> OrganismName : Synthetic Sequence
<400> PreSequenceString :
tagaaaccgg tggccaggca caccagtgtg g 31
<212> Type : DNA
<211> Length : 31
SequenceName : SEQ ID 146
SequenceDescription :

Custom Codon

Final TCR Display PCT.WorkFile.txt

Sequence Name : SEQ ID 146

Sequence

<213> OrganismName : Synthetic Sequence

<400> PreSequenceString :

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atgcagaagg aagtggagca gaactctgga cccctcagtg ttccagaggg agccattgcc      60
tctctcaact gcacttacag tgaccgaggt tcccagtcct tcttctggta cagacaatat      120
tctgggaaaa gccctgagtt gataatgtcc atatactcca atggtgacaa agaagatgga      180
aggttttacag cacagctcaa taaagccagc cagtatgttt ctctgctcat cagagactcc      240
cagcccagtg attcagccac ctacctctgt gccgttacaa ctgacagctg ggggaaattg      300
cagtttggag cagggaccca ggttgtggtc accccagata tccagaacct tgaccctgcc      360
gtgtaccagc tgagagactc taaatccagt gacaagtctg tctgcctatt caccgatttt      420
gattctcaaa caaatgtgtc acaaagtaag gattctgatg tgtatatcac agacaaatgt      480
gtgctagaca tgaggtctat ggacttcaag agcaacagtg ctgtggcctg gagcaacaaa      540
tctgactttg catgtgcaaa cgccttcaac aacagcatta ttccagaaga caccttcttc      600
cccagcccag aaagttccta a                                     621
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<212> Type : DNA

<211> Length : 621

SequenceName : SEQ ID 147

SequenceDescription :

Custom Codon

Sequence Name : SEQ ID 147

Sequence

<213> OrganismName : Synthetic Sequence

<400> PreSequenceString :

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atgaacgctg gtgtcactca gaccccaaaa ttccagggtcc tgaagacagg acagagcatg      60
acactgcagt gtgcccagga tatgaaccat gaatacatgt cctgggtatcg acaagaccca      120
ggcatggggc tgaggctgat tcattactca gttgggtgctg gtatcactga ccaaggagaa      180
gtccccaatg gctacaatgt ctccagatca accacagagg atttcccgtc caggctgctg      240
tcggctgctc cctcccagac atctgtgtac ttctgtgcca gcaggccggg actagcggga      300
gggcgaccag agcagtactt cgggccgggc accagggtca cggtcacaga ggacctgaaa      360
aacgtgttcc caccgaggt cgctgtgttt gagccatcag aagcagagat ctcccacacc      420
caaaaggcca cactgggtgtg cctggccaca ggcttctacc ccgaccacgt ggagctgagc      480
tggtgggtga atgggaagga ggtgcacagt ggggtctgca cagacccgca gcccctcaag      540
gagcagcccg ccctcaatga ctccagatac gctctgagca gccgcctgag ggtctcggcc      600
accttctggc aggacccccg caaccacttc cgctgtcaag tccagttcta cgggctctcg      660
gagaatgacg agtggaccca ggatagggcc aaacccgtca cccagatcgt cagcgccgag      720
gcctggggta gagcagacta a                                     741
```

<212> Type : DNA

<211> Length : 741

SequenceName : SEQ ID 148

Final TCR Display PCT.WorkFile.txt
SequenceDescription :

Custom Codon

Sequence Name : SEQ ID 148

Sequence

<213> OrganismName : Synthetic Sequence

<400> PreSequenceString :

MQKEVEQNSG PLSVPEGAIA SLNCTYSDRG SQSFFWYRQY SGKSPELIMS IYSNGDKEDG 60

RFTAQLNKAS QYVSLIRDS QPSDSATYLC AVTTDSWGKL QFGAGTQVVV TPDIQNPDP 120

VYQLRDSKSS DKSVCCLFTDF DSQTNVSQSK DSDVYITDKC VLDMRSMDFK SNSAVAWSNK 180

SDFACANAFN NSIIPEDTFF PSPESS 206

<212> Type : PRT

<211> Length : 206

SequenceName : SEQ ID 149

SequenceDescription :

Sequence

<213> OrganismName : Synthetic Sequence

<400> PreSequenceString :

MNAGVTQTPK FQVLKTGQSM TLQCAQDMNH EYMSWYRQDP GMGLRLIHYS VGAGITDQGE 60

VPNGYNVSRS TTEDFPLRLL SAAPSQTSVY FCASRPGLAG GRPEQYFGPG TRLTVTEDLK 120

NVFPPEVAVF EPSEAEISHT QKATLVCLAT GFYPDHVELS WWVNGKEVHS GVCTDPQPLK 180

EQPALNDSRY ALSSRLRVSA TFWQDPRNHF RCQVQFYGLS ENDEWTQDRA KPVTQIVSAE 240

AWGRAD 246

<212> Type : PRT

<211> Length : 246

SequenceName : SEQ ID 150

SequenceDescription :

Sequence

<213> OrganismName : Synthetic Sequence

<400> PreSequenceString :

gttaactacg tcaggtggca cttttcgggg aaatgtgcg c ggaaccccta tttgtttatt 60

tttctaaata cattcaaata tgtatccgct catgagacaa taaccctgat aaatgcttca 120

ataatattga aaaaggaaga gtatgagtat tcaacatttc cgtgtcgccc ttattccctt 180

ttttgcggca ttttgccttc ctgtttttgc tcaccagaa acgctggtga aagtaaaaga 240

tgctgaagat cagttgggtg cacgagtggg ttacatcgaa ctggatctca acagcggtaa 300

gatccttgag agttttcgcc ccgaagaacg ttctccaatg atgagcactt tttaaagttct 360

gctatgtggc gcggtattat cccgtgttga cgccgggcaa gagcaactcg gtcgccgcat 420

acactattct cagaatgact tggttgagta ctcaccagtc acagaaaagc atcttacgga 480

tggcatgaca gtaagagaat tatgcagtgc tgccataacc atgagtata acactgcggc 540

caacttactt ctgacaacga tcggaggacc gaaggagcta accgcttttt tgcacaacat 600

gggggatcat gtaactcgcc ttgatcgttg ggaaccggag ctgaatgaag ccataccaaa 660

cgacgagcgt gacaccacga tgcctgtagc aatggcaaca acgttgcgca aactattaac 720

Final TCR Display PCT.WorkFile.txt

tggcgaacta cttactctag cttcccggca acaattaata gactggatgg aggcgataa	780
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tggagccggt gagcgtgggt ctgcggtat cattgcagca ctggggccag atggtaagcc	900
ctcccgtatc gtagttatct acacgacggg gagtcaggca actatggatg aacgaaatag	960
acagatcgct gagatagggt cctcactgat taagcattgg taactgtcag accaagttta	1020
ctcatatata ctttagattg atttaccctg gttgataatc agaaaagccc caaaaacagg	1080
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aatttttggt aaatcagctc attttttaac caataggccg aaatcggcaa aatcccttat	1200
aaatcaaaag aatagcccga gatagggttg agtgttgttc cagtttgga caagagtcca	1260
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tatccggtaa gcggcagggg cggaacagga gagcgcacga gggagcttcc agggggaaac	2160
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accccagggt ttacacttta tgcttccggc tcgtatgttg tgtggaattg tgagcggata	2400
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ctatttcaag gagacagtca taatgaaata cctattgcct acggcagccg ctggattggt	2520
attactcgcg gccagccgg ccatggccca gaaggaagtg gagcagaact ctggaccct	2580
cagtgttcca gagggagcca ttgcctctct caactgcact tacagtgacc gaggttcca	2640
gtccttcttc tggtagagac aatattctgg gaaaagccct gagttgataa tgtccatata	2700
ctccaatggt gacaaagaag atggaagggt tacagcacag ctcaataaag ccagccagta	2760

Final TCR Display PCT.WorkFile.txt

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gtctgtctgc	ctattcaccg	atttttgattc	tcaaacaaat	gtgtcacaaa	gtaaggattc	3000
tgatgtgtat	atcacagaca	aatgtgtgct	agacatgagg	tctatggact	tcaagagcaa	3060
cagtgtgtg	gcctggagca	acaaatctga	ctttgcatgt	gcaaacgcct	tcaacaacag	3120
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Final TCR Display PCT.WorkFile.txt

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tgagtcgtat tacggactgg ccgtcgtttt acaacgtcgt gactgggaaa accctggcgt	5340
taccaactt aatcgccctg cagcacatcc ccctttcgcc agctggcgta atagcgaaga	5400
ggcccgcacc gatcgccctt cccaacagtt gcgcagcctg aatggcgaat ggcgcttcgc	5460
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<212> Type : DNA

<211> Length : 5495

SequenceName : SEQ ID 151

SequenceDescription :

Custom Codon

Sequence Name : SEQ ID 151

Sequence

<213> OrganismName : Synthetic Sequence

<400> PreSequenceString :

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cagaactctg gacccctcag tgTtccagag ggagccattg cctctctcaa ctgcacttac	120
agtgaccgag gttcccagtc cttcttctgg tacagacaat attctgggaa aagccctgag	180
ttgataatgt ccatatactc caatggTgac aaagaagatg gaaggTTTtac agcacagctc	240
aataaagcca gccagtatgt ttctctgctc atcagagact ccagcccag tgattcagcc	300
acctacctct gtgccgttac aactgacagc tgggggaaat tgcagTTTgg agcagggacc	360
caggTtTgtgg tcaccggTgg aggcggTtca ggcggaggTg gatccggcgg tggcgggTcg	420
aacgctggTg tTactcagac ccCaAaattc caggTcctga agacaggaca gagcatgaca	480
ctgcagTgtg cccaggatat gaaccatgaa tacatgtcct ggtatcgaca agaccaggc	540
atggggctga ggctgattca ttactcagTt ggtgctggta tTactgacca aggagaagTc	600
ccCaatggct aCaatgtctc cagatCaacc acagaggatt tcccgctcag gctgctgtcg	660
gctgctccct cccagacatc tgtgtacttc tgtgccagca ggccgggact agcgggaggg	720
cgaccagagc agTactTcgg gccgggcacc aggctcacgg tcacagagga cctgaaaaac	780
gtgttccac ccgaggTcgc tgtgtttgag ccatcagaag cagagatctc ccacaccaa	840
aaggccacac tggTgtgcct ggccacaggc ttctacccc accacgtgga gctgagctgg	900
tgggtgaatg ggaaggaggt gcacagTggg gTcagcacag acccgagcc cctCaaggag	960

Final TCR Display PCT.WorkFile.txt

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cagccccgccc tcaatgactc cagatacgct ctgagcagcc gcctgagggg ctcggccacc 1020
ttctggcagg acccccgcaa ccacttccgc tgtcaagtcc agttctacgg gctctcggag 1080
aatgacgagt ggaccagga tagggccaaa cccgtcacc agatcgtcag cgccgaggcc 1140
tggggtagag cagacggtgg aggcggttca ctcagcagca ccctgacgct gagcaaagca 1200
gactacgaga aacacaaagt ctacgcctgc gaagtcaccc atcagggcct gagttcgccc 1260
gtcacaaaga gcttcaaccg cggagagtca taagaattct cag 1303
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<212> Type : DNA

<211> Length : 1303

SequenceName : SEQ ID 152

SequenceDescription :

Custom Codon

Sequence Name : SEQ ID 152

Sequence

<213> OrganismName : Synthetic Sequence

<400> PreSequenceString :

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GRFTAQLNKA SQYVSL LIRD SPSDSATYLC AVTTDSWGKL QFGAGTQVVV TGGGSGGGG 120
SGGGGSNAGV TQTPKFQVLK TGQSM TLQA QDMNHEYMSW YRQDPGMGLR LIHYSVGAGI 180
TDQGEVPNGY NVSRSTTEDF PLRLLSAAPS QTSVYFCASR PGLAGGRPEQ YFGPGTRLTV 240
TEDLKNVFPP EVAVFEPSEA EISHTQKATL VCLATGFYPD HVELSWVNG KEVHSGVSTD 300
PQPLKEQPAL NDSRYALSSR LRVSATFWQD PRNHFR CQVQ FYGLSENDEW TQDRAK PVTQ 360
IVSAEAWGRA DGGGGSLSST LTLSKADYEK HKVYACEVTH QGLSSPVTKS FNRGES 416
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<212> Type : PRT

<211> Length : 416

SequenceName : SEQ ID 153

SequenceDescription :

Sequence

<213> OrganismName : Synthetic Sequence

<400> PreSequenceString :

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gaatctgcag tccaccgtga aaagcccctt tacacgcgcc ttgggggataa acaaataaaa 120
agatttatgt aagtttatac ataggcgagt actctgttat tgggactatt tacgaagtta 180
ttataacttt ttccttctca tactcataag ttgtaaaggc acagcgggaa taaggga aaa 240
aacgccgtaa aacggaagga caaaaacgag tgggtctttg cgaccacttt cattttctac 300
gacttctagt caaccacgt gctcacccaa tgtagcttga cctagagttg tcgccattct 360
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atacaccgcg ccataatagg gcataactgc ggcccgttct cgttgagcca gcggcgatg 480
tgataagagt cttactgaac caactcatga gtggtcagtg tcttttcgta gaatgcctac 540
cgtactgtca ttctcttaat acgtcacgac ggtattggta ctcactattg tgacgccggt 600
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Final TCR Display PCT.WorkFile.txt

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tctagcgact	ctatccacgg	agtgactaat	tcgtaaccat	tgacagtctg	gttcaaata	1080
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cgcggtactac	gccataaaaag	aggaatgcgt	agacacgcca	taaagtgtgg	cgtataccac	2520
gtgagagtca	tgtagacga	gactacggcg	tatcaattcg	gtcggggctg	tgggcgggtg	2580
tgggcgactg	cgcgggactg	cccgaacaga	cgagggccgt	aggcgaatgt	ctgttcgaca	2640

Final TCR Display PCT.WorkFile.txt
ctggcagagg ccctcgacgt acacagtctc caaaagtggc agtagtggct ttgcgcgct 2699

<212> Type : DNA
<211> Length : 2699
SequenceName : SEQ ID 154
SequenceDescription :

Custom Codon

Sequence Name : SEQ ID 154

Sequence

<213> OrganismName : Synthetic Sequence

<400> PreSequenceString :

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aatattcttg gaaaagccct gagttgataa tgtccatata ctccaatggg gacaaagaag	180
atggaagggt tacagcacag ctcaataaag ccagccagta tgtttctctg ctcacagag	240
actccagcc cagtgattca gccacctacc tctgtgccgt tacaactgac agctggggga	300
aattgcagtt tggagcaggg acccaggttg tggtcaccgg tggaggcggg tcaggcggag	360
gtggatccgg cgggtggcggg tcgaacgctg gtgtcactca gaccccaaaa ttccagggtcc	420
tgaagacagg acagagcatg aactgcagt gtgcccagga tatgaaccat gaatacatgt	480
cctggtatcg acaagaccca ggcattggggc tgaggctgat tcattactca gttggtgctg	540
gtatcactga ccaaggagaa gtccccaatg gctacaatgt ctccagatca accacagagg	600
atttcccgtc caggctgctg tcggctgctc cctcccagac atctgtgtac ttctgtgcca	660
gcaggccggg actagcggga gggcgaccag agcagtactt cgggcccggg accagggtca	720
cggtcacaga ggacctgaaa aacgtgttcc caccgaggt cgctgtgttt gagccatcag	780
aagcagagat ctccacacc caaaaggcca cactggtgtg cctggccaca ggcttctacc	840
ccgaccacgt ggagctgagc tgggtgggtga atgggaagga ggtgcacagt ggggtcagca	900
cagaccgca gccctcaag gagcagcccg ccctcaatga ctccagatac gctctgagca	960
gccgcctgag ggtctcggcc accttctggc aggacccccg caaccacttc cgctgtcaag	1020
tccagttcta cgggctctcg gagaatgacg agtggacca ggatagggcc aaaccgtca	1080
cccagatcgt cagcgccgag gcctggggta gagcagacgg tggaggcggg tctactcagca	1140
gcaccctgac gctgagcaaa gcagactacg agaaacacaa agtctacgcc tgcgaagtca	1200
cccatcaggg cctgagttcg cccgtcacia agagcttcaa ccgcggagag tcataagaat	1260
tc	1262

<212> Type : DNA
<211> Length : 1262
SequenceName : SEQ ID 155
SequenceDescription :

Custom Codon

Sequence Name : SEQ ID 155

Final TCR Display PCT.WorkFile.txt

Sequence

<213> OrganismName : Synthetic Sequence
<400> PreSequenceString :
gctggtgtca ctcagacccc aaaattccag gtcctgaaga caggacagag catgacactg 60
cagtgtgccc aggatatgaa ccatgaatac atgtcctggt atcgacaaga cccaggcatg 120
gggctgaggc tgattcatta ctcagttggt gctggtatca ctgaccaagg agaagtcccc 180
aatggctaca atgtctccag atcaaccaca gaggatttcc cgctcaggct gctgtcggct 240
gctccctccc agacatctgt gtacttctgt gccagcaggc cgggactagc gggaggggtga 300
ccagagcagt acttcgggcc gggcaccagg ctcacggtca cagaggacct gaaaaacgtg 360
ttcccacccg aggtcgctgt gtttgagcca tcagaagcag agatctccca caccctaaaag 420
gccacactgg tgtgcctggc cacaggcttc taccctgacc acgtggagct gagctggtgg 480
gtgaatggga aggaggtgca cagtggggtc tgcacagacc cgcagcccct caaggagcag 540
cccgccctca atgactccag atacgctctg agcagccgcc tgagggtctc ggccaccttc 600
tggcaggacc cccgcaacca cttccgctgt caagtccagt tctacgggct ctcggagaat 660
gacgagtgga cccaggatag ggccaaaccc gtcaccaga tcgtcagcgc cgaggcctgg 720
ggtagagcag ac 732

<212> Type : DNA
<211> Length : 732
SequenceName : SEQ ID 156
SequenceDescription :

Custom Codon

Sequence Name : SEQ ID 156

Sequence

<213> OrganismName : Synthetic Sequence
<400> PreSequenceString :
AGVTQTPKFQ VLKTGQSM TL QCAQDMNHEY MSWYRQDPGM GLRLIHYSVG AGITDQGEVP 60
NGYNVSRSTT EDFPLRLLSA APSQTSVYFC ASRPGLAGGX PEQYFGPGTR LTVTEDLKNV 120
FPPEVAVFEP SEAEISHTQK ATLVCLATGF YPDHVELSWW VNGKEVHSGV CTDPQPLKEQ 180
PALNDSRYAL SSRLRVSATF WQDPRNHFRC QVQFYGLSEN DEWTQDRAKP VTQIVSAEAW 240
GRAD 244

<212> Type : PRT
<211> Length : 244
SequenceName : SEQ ID 157
SequenceDescription :

Feature

Sequence: SEQ ID 157:
<221> FeatureKey : MISC_FEATURE
<222> LocationFrom : 1
<222> LocationTo : 244
Other Information : X denotes an amino acid residue encoded by an opal
codon, this is normally translated as a tryptophan
CDSJoin : No

Sequence

Final TCR Display PCT.WorkFile.txt

<213> OrganismName : Synthetic Sequence

<400> PreSequenceString :

```
gctggtgtca ctcagacccc aaaattccag gtcctgaaga caggacagag catgacactg      60
tagtgtgccc aggatatgaa ccatgaatac atgtcctggt atcgacaaga cccaggcatg      120
gggctgagggc tgattcatta ctcagttggt gctggtatca ctgaccaagg agaagtcccc      180
aatggctaca atgtctccag atcaaccaca gaggatttcc cgctcaggct gctgtcggct      240
gctccctccc agacatctgt gtacttctgt gccagcaggc cgggactagc gggagggcga      300
ccagagcagt acttcgggcc gggcaccagg ctcacggtca cagaggacct gaaaaacgtg      360
ttcccacccg aggtcgctgt gtttgagcca tcagaagcag agatctcca caccctaaag      420
gccacactgg tgtgcctggc cacaggcttc taccctgacc acgtggagct gagctggtgg      480
gtgaatggga aggaggtgca cagtgggggtc tgcacagacc cgcagcccct caaggagcag      540
cccgccctca atgactccag atacgctctg agcagccgcc tgaggggtctc ggccaccttc      600
tggcaggacc ccgcaacca cttccgctgt caagtccagt tctacgggct ctcggagaat      660
gacgagtgga cccaggatag ggccaaaccc gtcaccaga tcgtcagcgc cgaggcctgg      720
ggtagagcag ac                                     732
```

ggtagagcag ac

<212> Type : DNA

<211> Length : 732

SequenceName : SEQ ID 158

SequenceDescription :

Custom Codon

Sequence Name : SEQ ID 158

Sequence

<213> OrganismName : Synthetic Sequence

<400> PreSequenceString :

```
gctggtgtca ctcagacccc aaaattccag gtcctgaaga caggacagag catgacactg      60
cagtgtgccc aggatatgaa ccatgaatac atgtcctggt atcgacaaga cccaggcatg      120
gggctgagggc tgattcatta ctcagttggt gctggtatca ctgaccaagg agaagtcccc      180
aatggctaca atgtctccag atcaaccaca gaggatttcc cgctcaggct gctgtcggct      240
gctccctccc agacatctgt gtacttctgt gcctcgaggc cggggctgat gagtgcggaa      300
ccagagcagt acttcgggcc gggcaccagg ctcacggtca cagaggacct gaaaaacgtg      360
ttcccacccg aggtcgctgt gtttgagcca tcagaagcag agatctcca caccctaaag      420
gccacactgg tgtgcctggc caccggtttc taccctgacc acgtggagct gagctggtgg      480
gtgaatggga aggaggtgca cagtgggggtc tgcacagacc cgcagcccct caaggagcag      540
cccgccctca atgactccag atacgctctg agcagccgcc tgaggggtctc ggccaccttc      600
tggcaggacc ccgcaacca cttccgctgt caagtccagt tctacgggct ctcggagaat      660
gacgagtgga cccaggatag ggccaaaccc gtcaccaga tcgtcagcgc cgaggcctgg      720
ggtagagcag actaagcttg aattc                                     745
```

<212> Type : DNA

<211> Length : 745

SequenceName : SEQ ID 159

Final TCR Display PCT.WorkFile.txt
SequenceDescription :

Custom Codon

Sequence Name : SEQ ID 159

Sequence

<213> OrganismName : Synthetic Sequence

<400> PreSequenceString :

MNAGVTQTPK FQVLKTGQSM TLQCAQDMNH EYMSWYRQDP GMGLRLIHYS VGAGITDQGE	60
VPNGYNVSRs TTEDFPLRLL SAAPSQTSVY FCASRPGLMS AEPEQYFGPG TRLTVTEDLK	120
NVFPPEVAVF EPSEAEISHT QKATLVCLAT GFYPDHVELS WWVNGKEVHS GVCTDPQPLK	180
EQPALNDSRY ALSSRLRVSA TFWQDPRNHF RCQVQFYGLS ENDEWTQDRA KPVtQIVSAE	240
	246

AWGRAD

<212> Type : PRT

<211> Length : 246

SequenceName : SEQ ID 160

SequenceDescription :

Sequence

<213> OrganismName : Synthetic Sequence

<400> PreSequenceString :

AGVTQTPKFQ VLKTGQSMtL QCAQDMNHEY MSWYRQDPGM GLRLIHYSVG AGITDQGEVP	60
NGYNVSRSTT EDFPLRLLSA APSQTSVYFC ASRPGLMSAQ PEQYFGPGTR LTVTEDLKNV	120
FPPEVAVFEP SEAEISHTQK ATLVCLATGF YPDHVELSWW VNGKEVHSGV CTDPQPLKEQ	180
PALNDSRYAL SSRLRVSATF WQDPRNHFRC QVQFYGLSEN DEWTQDRAKP VTQIVSAEAW	240
	244

GRAD

<212> Type : PRT

<211> Length : 244

SequenceName : SEQ ID 161

SequenceDescription :

Sequence

<213> OrganismName : Synthetic Sequence

<400> PreSequenceString :

atgcaggagg tgacacagat tcctgcagct ctgagtgtcc cagaaggaga aaacttggtt	60
ctcaactgca gtttcactga tagcgctatt tacaacctcc agtggttttag gcaggaccct	120
gggaaaggtc tcacatctct gttgcttatt cagtcaagtc agagagagca aacaagtgga	180
agacttaatg cctcgctgga taaatcatca ggacgtagta ctttatacat tgcagcttct	240
cagcctgggtg actcagccac ctacctctgt gctgtgaggc ccacatcagg aggaagctac	300
atacctacat ttggaagagg aaccagcctt attgttcatc cgtatatcca gaaccctgac	360
cctgccgtgt accagctgag agactctaaa tccagtgaca agtctgtctg cctattcacc	420
gattttgatt ctcaaacaaa tgtgtcacia agtaaggatt ctgatgtgta tatcacagac	480
aaatgtgtgc tagacatgag gtctatggac ttcaagagca acagtgtgtg ggcctggagc	540
aacaaatctg actttgcatg tgcaaacgcc ttcaacaaca gcattattcc agaagacacc	600
ttcttcccca gccagaaaag ttcctaa	627

<212> Type : DNA

Final TCR Display PCT.WorkFile.txt

<211> Length : 627
SequenceName : SEQ ID 162
SequenceDescription :

Custom Codon

Sequence Name : SEQ ID 162

Sequence

<213> OrganismName : Synthetic Sequence

<400> PreSequenceString :

```
atgggtgtca ctcagacccc aaaattccag gtcctgaaga caggacagag catgacactg      60
cagtgtgccc aggatatgaa ccatgaatac atgtcctggt atcgacaaga cccaggcatg      120
gggctgaggc tgattcatta ctcagttggt gctggtatca ctgaccaagg agaagtcccc      180
aatggctaca atgtctccag atcaaccaca gaggatttcc cgctcaggct gctgtcggct      240
gctccctccc agacatctgt gtacttctgt gccagcagtt acgtcgggaa caccggggag      300
ctgttttttg gagaaggctc taggctgacc gtactggagg acctgaaaaa cgtgttccca      360
cccgaggtcg ctgtgtttga gccatcagaa gcagagatct cccacacca aaaggccaca      420
ctgggtgtgcc tggccacagg cttctacccc gaccacgtgg agctgagctg gtgggtgaat      480
gggaaggagg tgcacagtgg ggtctgcaca gacccgcagc ccctcaagga gcagcccgcc      540
ctcaatgact ccagatacgc tctgagcagc cgcctgaggg tctcggccac cttctggcag      600
gacccccgca accacttccg ctgtcaagtc cagttctacg ggctctcgga gaatgacgag      660
tggacccagg atagggccaa acccgtcacc cagatcgta gcgccgaggc ctggggtaga      720
gcagactaa                                     729
```

<212> Type : DNA

<211> Length : 729
SequenceName : SEQ ID 163
SequenceDescription :

Custom Codon

Sequence Name : SEQ ID 163

Sequence

<213> OrganismName : Synthetic Sequence

<400> PreSequenceString :

```
MQEVQTIPAA LSVPEGENLV LNCSFTDSAI YNLQWFRQDP GKGLTSLLLI QSSQREQTSG      60
RLNASLDKSS GRSTLYIAAS QPGDSATYLC AVRPTSGGSY IPTFGRGTSL IVHPYIQNPD      120
PAVYQLRDSK SSDKSVCLFT DFDSQTNVSQ SKDSDVYITD KCVLDMRSMF FKSNSAVAWS      180
NKSDFACANA FNNSIIPEDT FFPSPSS                                     208
```

<212> Type : PRT

<211> Length : 208
SequenceName : SEQ ID 164
SequenceDescription :

Sequence

<213> OrganismName : Synthetic Sequence

<400> PreSequenceString :

```
MGVTQTPKFQ VLKTGQSMTL QCAQDMNHEY MSWYRQDPGM GLRLIHYSVG AGITDQGEVP      60
```

Final TCR Display PCT.WorkFile.txt

NGYNVSRSTT EDFPLRLLSA APSQTSVYFC ASSYVGNTGE LFFGEGSRLT VLEDLKNVFP	120
PEVAVFEPSE AEISHTQKAT LVCLATGFYP DHVELSWWVN GKEVHSGVCT DPQPLKEQPA	180
LNDSRYALSS RLRVSATFWQ DPRNHFRQV QFYGLSENDE WTQDRAKPVT QIVSAEAWGR	240
AD	242

<212> Type : PRT
 <211> Length : 242
 SequenceName : SEQ ID 165
 SequenceDescription :

Sequence

 <213> OrganismName : Synthetic Sequence
 <400> PreSequenceString :

ttcctggcct tttgctggcc ttttgctcac atgtaatgtg agttagctca aaggaccgga	60
aaacgaccgg aaaacgagtg tacattacac tcaatcgagt ctcataggc accccaggct	120
ttacacttta tgcttccggc tcgtatgttg gagtaatccg tgggggtccga aatgtgaaat	180
acgaaggccg agcatacaac tgtggaattg tgagcggata acaatttcac acaggaaaca	240
gctatgacca acaccttaac actcgcctat tgttaaagtg tgtcctttgt cgatactggt	300
tgattacgcc aagctacgta ctttaagtatt ctatttcaag gagacagtca actaatgcgg	360
ttcgatgcat gaattcataa gataaagttc ctctgtcagt taatgaaata cctattgcct	420
acggcagccg ctggattggt attactcgcg attactttat ggataacgga tgccgtcggc	480
gacctaaaca taatgagcgc gccagccgg ccatggccaa acaggagggtg acgcagattc	540
ctgcagctct cgggtcggcc ggtaccggtt tgtcctccac tgcgtctaag gacgtcgaga	600
gagtgtccca gaaggagaaa acttggttct caactgcagt ttactgata ctcacagggt	660
cttcctcttt tgaaccaaga gttgacgtca aagtgactat gcgctattta caacctccag	720
tggttttaggc aggaccctgg gaaaggcttc cgcgataaat gttggagggtc accaaatccg	780
tcctgggacc ctttccagag acatctctgt tgcttattca gtcaagtcag agagagcaaa	840
caagtggaag tgtagagaca acgaataagt cagttcagtc tctctcgttt gttcaccttc	900
acttaatgcc tcgctggata aatcatcagg acgtagtact ttatacattg tgaattacgg	960
agcgacctat ttagtagtcc tgcacatga aatatgtaac cagcttctca gcctgggtgac	1020
tcagccacct acctctgtgc tgtgaggccc gtcgaagagt cggaccactg agtcggtgga	1080
tggagacacg aactccggg acatcaggag gaagctacat acctacattt ggaagaggaa	1140
ccagccttat tgtagtcctc cttcgatgta tggatgtaaa cttctcctt ggtcggaata	1200
tgttcatccg tatatccaga acccgatcc tgccgtgtac cagctgagag acaagtaggc	1260
atataggtct tgggcctagg acggcacatg gtcgactctc actctaaatc cagtgacaag	1320
tctgtctgcc tattcaccga ttttgattct tgagatttag gtcactgttc agacagacgg	1380
ataagtggct aaaactaaga caaacaatg tgtcacaaag taaggattct gatgtgtata	1440
tcacagacaa gtttgtttac acagtgtttc attcctaaga ctacacatat agtgtctgtt	1500
atgtgtgcta gacatgaggt ctatggactt caagagcaac agtgctgtgg tacacacgat	1560

Final TCR Display PCT.WorkFile.txt

ctgtactcca	gatacctgaa	gttctcgttg	tcacgacacc	cctggagcaa	caaatctgac	1620
tttgcatgtg	caaacgcctt	caacaacagc	ggacctcgtt	gtttagactg	aaacgtacac	1680
gtttgcggaa	gttgttgtcg	attattccag	aagacacctt	cttccccagc	ccagaaagtt	1740
cctaataacc	taataaggtc	ttctgtggaa	gaaggggtcg	ggcttttcaa	ggattattgg	1800
taggttaatt	aagaattctt	taagaagggg	atatacatat	gaaaaaatta	atccaattaa	1860
ttcttaagaa	attcttcccc	tatatgtata	cttttttaat	ttattcgcaa	ttcctttagt	1920
tgttcctttc	tattctcaca	gcgcgcaggc	aataagcggt	aaggaaatca	acaaggaaag	1980
ataagagtgt	cgcgcggtccg	tggtgtcact	cagaccccaa	aattccaggt	cctgaagaca	2040
ggacagagca	accacagtga	gtctgggggtt	ttaagggtcca	ggacttctgt	cctgtctcgt	2100
tgacactgca	gtgtgcccag	gatatgaacc	atgaatacat	gtcctggtat	actgtgacgt	2160
cacacgggtc	ctatacttgg	tacttatgta	caggaccata	cgacaagacc	caggcatggg	2220
gctgaggctg	attcattact	cagttgggtgc	gctgttctgg	gtccgtaccc	cgactccgac	2280
taagtaatga	gtcaaccacg	tggtatcact	gaccaaggag	aagtccccaa	tggctacaat	2340
gtctccagat	accatagtga	ctgggttcctc	ttcaggggtt	accgatgtta	cagagggtcta	2400
caaccacaga	ggatttcccc	ctcagggtgc	tgtcgggtgc	tccctcccag	gttggtgtct	2460
cctaaagggc	gagtccgacg	acagccgacg	agggaggggtc	acatctgtgt	acttctgtgc	2520
cagcagttac	gtcgggaaca	ccggggagct	tgtagacaca	tgaagacacg	gtcgtcaatg	2580
cagcccttgt	ggcccctcga	gttttttgga	gaaggctcta	ggctgaccgt	actggaggac	2640
ctgaaaaacg	caaaaaacct	cttccgagat	ccgactggca	tgacctcctg	gactttttgc	2700
tgttcccacc	cgaggtcgct	gtgtttgagc	catcagaagc	agagatctcc	acaaggggtg	2760
gctccagcga	cacaaactcg	gtagtcttcg	tctctagagg	cacacccaaa	aggccacact	2820
gggtgtcctg	gccacaggct	tctaccccga	gtgtggggtt	tccggtgtga	ccacacggac	2880
cggtgtccga	agatggggct	ccacgtggag	ctgagctggg	gggtgaatgg	gaaggagggtg	2940
cacagtgggg	ggtgcacctc	gactcgacca	cccacttacc	cttcctccac	gtgtcacccc	3000
tctgcacaga	cccgcagccc	ctcaaggagc	agcccgcctt	caatgactcc	agacgtgtct	3060
gggcgtcggg	gagttcctcg	tcgggcggga	gttactgagg	agatacgctc	tgagcagccg	3120
cctgaggggtc	tcggccacct	tctggcagga	tctatgcgag	actcgtcggc	ggactcccag	3180
agccgggtgga	agaccgtcct	ccccgcgaac	cacttccgct	gtcaagtcca	gttctacggg	3240
ctctcggaga	gggggcgttg	gtgaaggcga	cagttcaggt	caagatgccc	gagagcctct	3300
atgacgagtg	gaccaggat	agggccaaac	ccgtcaccca	gatcgtcagc	tactgctcac	3360
ctgggtccta	tcccggtttg	ggcagtgggt	ctagcagtcg	gccgaggcct	ggggtagagc	3420
agacgcggcc	gcacggctcc	ggaccccatc	tcgtctgcgc	cggcgt		3466

<212> Type : DNA

<211> Length : 3466

SequenceName : SEQ ID 166

SequenceDescription :

Final TCR Display PCT.WorkFile.txt

Custom Codon

Sequence Name : SEQ ID 166

Sequence

<213> OrganismName : Synthetic Sequence

<400> PreSequenceString :

KYLLPTAAAG LLLLAAPAM AKQEVTPIPA ALSVPEGENL VLNCSFTDSA IYNLQWFRQD	60
PGKGLTSLLL IQSSQREQTS GRLNASLDKS SGRSTLYIAA SQPGDSATYL CAVRPTSGGS	120
YIPTFGRGTS LIVHPYIQNP DPAVYQLRDS KSSDKSVCLF TDFDSQTNVS QSKDSDVYIT	180
DKCVLDMRSM DFKSNSAVAW SNKSDFACAN AFNNSIIPED TFFPSPESSM KKLLFAIPLV	240
VPFYSHSAQA GVTQTPKFQV LKTGQSMTLQ CAQDMNHEYM SWYRQDPGMG LRLIHYSVGA	300
GITDQGEVPN GYNVSRSTTE DFPLRLLSAA PSQTSVYFCA SSYVGNTGEL FFGEGSRLTV	360
LEDLKNVFPP EVAVFEPSEA EISHTQKATL VCLATGFYPD HVELSWWVNG KEVHSGVCTD	420
PQPLKEQPAL NDSRYALSSR LRVSATFWQD PRNHFRQVQ FYGLSENDEW TQDRAKPVTQ	480
IVSAEAWGRA DAAA	494

<212> Type : PRT

<211> Length : 494

SequenceName : SEQ ID 167

SequenceDescription :

Sequence

<213> OrganismName : Synthetic Sequence

<400> PreSequenceString :

ggatccatgg ccataagtgg agtccctgtg ctaggatttt tcatcatagc tgtgctgatg	60
agcgctcagg aatcatgggc tatcaaagaa gaacatgtga tcatccaggc cgagttctat	120
ctgaatcctg accaatcagg cgagtttatg tttgactttg atgggtgatga gattttccat	180
gtggatatgg caaagaagga gacgggtctg cggttggaag aatttgacg atttgccagc	240
tttgaggctc aaggtgcatt ggccaacata gctgtggaca aagccaacct ggaaatcatg	300
acaaagcgct ccaactatac tccgatcacc aatgtacctc cagaggtaac tgtgctcacg	360
aacagccctg tggaactgag agagcccaac gtcctcatct gtttcatcga caagttcacc	420
ccaccagtgg tcaatgtcac gtggcttcga aatggaaaac ctgtcaccac aggagtgtca	480
gagacagtct tcctgcccag ggaagaccac cttttccgca agttccacta tctccccttc	540
ctgccctcaa ctgaggacgt ttacgactgc aggggtggagc actggggctt ggatgagcct	600
cttctcaagc actgggagtt tgatgctcca agccctctcc cagagactac agagaacgtg	660
gatgggggtc tgactgatac actccaagcg gagacagatc aacttgaaga caagaagtct	720
gcgttgacga ccgagattgc caatctactg aaagagaagg aaaaactaga gttcatcctg	780
gcagcttacg gatctggtgg tggcttgaac gatatttttg aagctcagaa aatcgaatgg	840
catgagtagg atcc	854

<212> Type : DNA

<211> Length : 854

SequenceName : SEQ ID 168

SequenceDescription :

Final TCR Display PCT.WorkFile.txt

Custom Codon

Sequence Name : SEQ ID 168

Sequence

<213> OrganismName : Synthetic Sequence

<400> PreSequenceString :

aattctactc gtaaagcgag ttgaaggatc atatttagtt gcgtttatga gataagattg	60
aaagcacgtg taaaatgttt cccgcgcgtt ggcacaacta tttacaatgc ggccaagtta	120
taaaagattc taatctgata tgttttaaaa cacctttgcg gcccgagttg tttgcgtacg	180
tgactagcga agaagatgtg tggaccgcag aacagatagt aaaacaaaac cctagtattg	240
gagcaataat cgatttaacc aacacgtcta aatattatga tgggtgtgcat tttttgcggg	300
cgggcctgtt atacaaaaaa attcaagtac ctggccagac tttgccgcct gaaagcatag	360
ttcaagaatt tattgacacg gtaaaagaat ttacagaaaa gtgtcccggc atgttggtgg	420
gcgtgcactg cacacacggt attaatcgca ccggttacat ggtgtgcaga tatttaatgc	480
acaccctggg tattgcgccg caggaagcca tagatagatt cgaaaaagcc agaggtcaca	540
aaattgaaag acaaaattac gttcaagatt tattaattta attaataatta tttgcattct	600
ttaacaaata ctttataccta ttttcaaatt gttgcgcttc ttccagcgaa ccaaaactat	660
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Final TCR Display PCT.WorkFile.txt

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Final TCR Display PCT.WorkFile.txt						
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SequenceDescription :

Custom Codon

Sequence Name : SEQ ID 169

Sequence

<213> OrganismName : Synthetic Sequence

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<212> Type : DNA

<211> Length : 941

SequenceName : SEQ ID 170

SequenceDescription :

Custom Codon

Sequence Name : SEQ ID 170

Sequence

<213> OrganismName : Synthetic Sequence

<400> PreSequenceString :

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<212> Type : PRT

Final TCR Display PCT.WorkFile.txt

<211> Length : 116
SequenceName : SEQ ID 171
SequenceDescription :

Sequence

<213> OrganismName : Synthetic Sequence
<400> PreSequenceString :
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VPNGYNVSRS TTEDFPLRLL SAAPSQTSVY FCASRPGLMS AXPEQYFGPG TRLTVT 116

<212> Type : PRT
<211> Length : 116
SequenceName : SEQ ID 172
SequenceDescription :

Feature

Sequence: SEQ ID 172:
<221> FeatureKey : MISC_FEATURE
<222> LocationFrom : 1
<222> LocationTo : 116
Other Information : where x is e, q or r
CDSJoin : No

Sequence

<213> OrganismName : Synthetic Sequence
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<212> Type : PRT
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<213> OrganismName : Synthetic Sequence
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<212> Type : PRT
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SequenceDescription :

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